

Refine Search

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| (L6 or L7 or L8) and L3 | 12 |

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L9

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| | | | |
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| <u>L9</u> | (L6 or L7 or L8) and L3 | 12 | <u>L9</u> |
| <u>L8</u> | 711/209.ccls. | 510 | <u>L8</u> |
| <u>L7</u> | 711/118-123.ccls. | 3858 | <u>L7</u> |
| <u>L6</u> | 709/201.ccls. | 2500 | <u>L6</u> |
| <u>L5</u> | L4 and (time same requir\$3) | 84 | <u>L5</u> |
| <u>L4</u> | L3 and 707/\$.ccls. | 96 | <u>L4</u> |
| <u>L3</u> | L1 and (checkpoint or ("check point") or (check near point)) | 223 | <u>L3</u> |
| <u>L2</u> | L1 and (redo near phase) | 8 | <u>L2</u> |
| <u>L1</u> | recovery with work | 8191 | <u>L1</u> |

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Search Results - Record(s) 1 through 10 of 12 returned.

☐ 1. Document ID: US 20040221116 A1

L9: Entry 1 of 12

File: PGPB

Nov 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040221116

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040221116 A1

TITLE: Method and mechanism for efficient implementation of ordered records

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|

☐ 2. Document ID: US 6640238 B1

L9: Entry 2 of 12

File: USPT

Oct 28, 2003

US-PAT-NO: 6640238

DOCUMENT-IDENTIFIER: US 6640238 B1

**** See image for Certificate of Correction ****

TITLE: Activity component in a presentation services patterns environment

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|

☐ 3. Document ID: US 6615253 B1

L9: Entry 3 of 12

File: USPT

Sep 2, 2003

US-PAT-NO: 6615253

DOCUMENT-IDENTIFIER: US 6615253 B1

TITLE: Efficient server side data retrieval for execution of client side applications

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|

☐ 4. Document ID: US 6609136 B2

L9: Entry 4 of 12

File: USPT

Aug 19, 2003

US-PAT-NO: 6609136

DOCUMENT-IDENTIFIER: US 6609136 B2

**** See image for Certificate of Correction ****

TITLE: Recovering data from a failed cache using a surviving cache

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Drawings |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 5. Document ID: US 6567827 B2

L9: Entry 5 of 12

File: USPT

May 20, 2003

US-PAT-NO: 6567827

DOCUMENT-IDENTIFIER: US 6567827 B2

TITLE: Using a checkpoint to manage data that is shared by a plurality of nodes

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Drawings |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 6. Document ID: US 6564234 B2

L9: Entry 6 of 12

File: USPT

May 13, 2003

US-PAT-NO: 6564234

DOCUMENT-IDENTIFIER: US 6564234 B2

TITLE: Managing a resource used by a plurality of nodes

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Drawings |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 7. Document ID: US 6564230 B2

L9: Entry 7 of 12

File: USPT

May 13, 2003

US-PAT-NO: 6564230

DOCUMENT-IDENTIFIER: US 6564230 B2

TITLE: Transferring a resource between caches of different nodes

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Drawings |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 8. Document ID: US 6539396 B1

L9: Entry 8 of 12

File: USPT

Mar 25, 2003

US-PAT-NO: 6539396

DOCUMENT-IDENTIFIER: US 6539396 B1

**** See image for Certificate of Correction ****

TITLE: Multi-object identifier system and method for information service pattern environment

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
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☐ 9. Document ID: US 6507853 B2

L9: Entry 9 of 12

File: USPT

Jan 14, 2003

US-PAT-NO: 6507853

DOCUMENT-IDENTIFIER: US 6507853 B2

TITLE: Recovering data from a failed cache using recovery logs of caches that updated the data

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|

☐ 10. Document ID: US 6411968 B1

L9: Entry 10 of 12

File: USPT

Jun 25, 2002

US-PAT-NO: 6411968

DOCUMENT-IDENTIFIER: US 6411968 B1

TITLE: Managing recovery of data after failure of one or more caches

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
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| L13 and L1 | 16 |

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| <u>L13</u> | 714/19.ccls. | 105 | <u>L13</u> |
| <u>L12</u> | L11 and (checkpoint or ("check point") or (check near point)) | 166 | <u>L12</u> |
| <u>L11</u> | L10 and L1 | 739 | <u>L11</u> |
| <u>L10</u> | recovery with failure | 14474 | <u>L10</u> |
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| <u>L8</u> | 711/209.ccls. | 510 | <u>L8</u> |
| <u>L7</u> | 711/118-123.ccls. | 3858 | <u>L7</u> |
| <u>L6</u> | 709/201.ccls. | 2500 | <u>L6</u> |
| <u>L5</u> | L4 and (time same requir\$3) | 84 | <u>L5</u> |
| <u>L4</u> | L3 and 707/\$.ccls. | 96 | <u>L4</u> |
| <u>L3</u> | L1 and (checkpoint or ("check point") or (check near point)) | 223 | <u>L3</u> |
| <u>L2</u> | L1 and (redo near phase) | 8 | <u>L2</u> |

L1 recovery with work

8191 L1

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☐ 1. Document ID: US 7266722 B2

L15: Entry 1 of 16

File: USPT

Sep 4, 2007

US-PAT-NO: 7266722

DOCUMENT-IDENTIFIER: US 7266722 B2

TITLE: System and method for efficient lock recovery

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20030079155 A1

April 24, 2003

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|--------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|--------|

☐ 2. Document ID: US 7203866 B2

L15: Entry 2 of 16

File: USPT

Apr 10, 2007

US-PAT-NO: 7203866

DOCUMENT-IDENTIFIER: US 7203866 B2

TITLE: Method and apparatus for a programming language having fully undoable, timed reactive instructions

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20030120978 A1

June 26, 2003

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|--------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|--------|

☐ 3. Document ID: US 7197665 B2

L15: Entry 3 of 16

File: USPT

Mar 27, 2007

US-PAT-NO: 7197665

DOCUMENT-IDENTIFIER: US 7197665 B2

TITLE: Physical incremental backup using snapshots

PRIOR-PUBLICATION:

DOC-ID DATE
US 20040163009 A1 August 19, 2004

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|

☐ 4. Document ID: US 6618822 B1

L15: Entry 4 of 16

File: USPT

Sep 9, 2003

US-PAT-NO: 6618822

DOCUMENT-IDENTIFIER: US 6618822 B1

TITLE: Method and mechanism for relational access of recovery logs in a database system

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
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☐ 5. Document ID: US 6578159 B1

L15: Entry 5 of 16

File: USPT

Jun 10, 2003

US-PAT-NO: 6578159

DOCUMENT-IDENTIFIER: US 6578159 B1

TITLE: Transaction processing method and apparatus

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|

☐ 6. Document ID: US 6539402 B1

L15: Entry 6 of 16

File: USPT

Mar 25, 2003

US-PAT-NO: 6539402

DOCUMENT-IDENTIFIER: US 6539402 B1

TITLE: Using periodic spaces of block ID to improve additional recovery

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|

☐ 7. Document ID: US 6308287 B1

L15: Entry 7 of 16

File: USPT

Oct 23, 2001

US-PAT-NO: 6308287

DOCUMENT-IDENTIFIER: US 6308287 B1

TITLE: Transaction processing system, method and computer program product

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 8. Document ID: US 6185699 B1

L15: Entry 8 of 16

File: USPT

Feb 6, 2001

US-PAT-NO: 6185699

DOCUMENT-IDENTIFIER: US 6185699 B1

TITLE: Method and apparatus providing system availability during DBMS restart recovery

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 9. Document ID: US 5983361 A

L15: Entry 9 of 16

File: USPT

Nov 9, 1999

US-PAT-NO: 5983361

DOCUMENT-IDENTIFIER: US 5983361 A

TITLE: Method of prevention of dangling transaction occurrence using a terminated transaction process technique at redo step

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 10. Document ID: US 5923833 A

L15: Entry 10 of 16

File: USPT

Jul 13, 1999

US-PAT-NO: 5923833

DOCUMENT-IDENTIFIER: US 5923833 A

TITLE: Restart and recovery of OMG-compliant transaction systems

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
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☐ 11. Document ID: US 5832203 A

L15: Entry 11 of 16

File: USPT

Nov 3, 1998

US-PAT-NO: 5832203

DOCUMENT-IDENTIFIER: US 5832203 A

TITLE: Method for providing recovery from a failure in a system utilizing distributed audit

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 12. Document ID: US 5596710 A

L15: Entry 12 of 16

File: USPT

Jan 21, 1997

US-PAT-NO: 5596710

DOCUMENT-IDENTIFIER: US 5596710 A

TITLE: Method for managing roll forward and roll back logs of a transaction object

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 13. Document ID: US 5381545 A

L15: Entry 13 of 16

File: USPT

Jan 10, 1995

US-PAT-NO: 5381545

DOCUMENT-IDENTIFIER: US 5381545 A

TITLE: Data backup and recovery in a data processing system

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 14. Document ID: US 5327532 A

L15: Entry 14 of 16

File: USPT

Jul 5, 1994

US-PAT-NO: 5327532

DOCUMENT-IDENTIFIER: US 5327532 A

TITLE: Coordinated sync point management of protected resources

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
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☐ 15. Document ID: US 4868744 A

L15: Entry 15 of 16

File: USPT

Sep 19, 1989

US-PAT-NO: 4868744

DOCUMENT-IDENTIFIER: US 4868744 A

TITLE: Method for restarting a long-running, fault-tolerant operation in a transaction-oriented data base system without burdening the system log

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 16. Document ID: US 4498145 A

L15: Entry 16 of 16

File: USPT

Feb 5, 1985

US-PAT-NO: 4498145

DOCUMENT-IDENTIFIER: US 4498145 A

TITLE: Method for assuring atomicity of multi-row update operations in a database system

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
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| "redo phase recovery" | 10 |

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| <i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i> | | | |
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| <u>L5</u> | L1 and (work with requir\$3) | 1346 | <u>L5</u> |
| <u>L4</u> | L1 and (work same requir\$) | 2549 | <u>L4</u> |
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